

CLAIMS

1. A data transmitting apparatus for transmitting data having contents data that is delivered, comprising:

5 meta information storing means for storing meta information that is a description of the contents data to be transmitted;

meta information schema storing means for storing a data structure of the meta information;

10 transmission information converting means for converting the meta information stored in said meta information storing means and the meta information schema stored in said meta information schema storing means into information in a transmission format; and

15 transmitting means for transmitting an output of said transmission information converting means.

2. The data transmitting apparatus as set forth in claim 1,

20 wherein said transmission information converting means converts the meta information and the meta information schema into information in the same data format.

25 3. The data transmitting apparatus as set forth in claim 1,

wherein said second transmission information converting means performs a converting process for converting the meta information and the meta

information schema into information in the same data format and adds an identifier that represents whether the data as the result of the converting process is the meta information or the meta information schema.

5. The data transmitting apparatus as set forth in claim 1,

wherein said second transmission information converting means converts the meta information and the meta information schema storing means into information in an MPEG-2 section table format.

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5. A data transmitting method for transmitting data having contents data that is delivered, comprising the steps of:

15 storing meta information that is a description of the contents data to be transmitted;

storing a data structure of the meta information;

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converting the meta information stored at meta information storing step and the meta information schema stored at meta information schema storing step into information in a transmission format; and

transmitting an output at transmission information converting step.